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L1 ANSWER 34 OF 72 CA COPYRIGHT 2004 ACS on STN
AN 102:171491 CA
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TI Heat-resistant sheets having high elasticity and flexibility
PA Ibiden Co., Ltd., Japan; Toyota Motor Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 11 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
IC ICM B29J001-02
ICS B32B009-00; D04H001-42
CC 57-2 (Ceramics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 59230737	A2	19841225	JP 1983-105745	19830615
	JP 05041586	B4	19930623		
PRAI	JP 1983-105745		19830615		

AB The heat-resistant elastic sheets contain **unexpanded vermiculite** 40-83, binder consisting of inorg. binder and org. binder at a ratio of 1/2-1/10 0.5-3.5 wt.%, and the balance ceramic fibers. Thus, a slurry from ceramic fibers 126, vermiculite 208, sepiolite 1.7 g, acrylonitrile butadiene latex 26, water 8000 mL was mixed with an aq. soln. contg. 0.1% polyacrylamide coagulant 8 and an aq. soln. contg. 10% Al₂(SO₄)₃ 5 mL, shaped, dried at 100.degree., and pressed to give a sheet (300 .times. 300 .times. 5.5 mm) having high elasticity, flexibility, and heat resistance.

ST vermiculite ceramic fiber elastic sheet
IT Rubber, nitrile, uses and miscellaneous